Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 08 Apr 2023 until 23:59 on Sunday 09 Apr 2023

Forecast Issued on Saturday 08 Apr 2023 at 02:09

Confidence: High for settled conditions today and much of Easter Sunday, and for the transition to unsettled conditions into the new week. Moderate for the extent of low cloud. Moderate for the timing of rain into Easter Monday. Low confidence for timing and track of rain and strong winds Tuesday onwards.

Headline for Saturday 08 Apr 2023: Any early mist and fog clearing to a fine day with sunny spells. Feeling warm.

Mountain weather hazards on Saturday 08 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny intervals	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 08 Apr 2023

Weather: A cool start, with a few frost patches. Skies in the west of the park mostly clear this morning, with areas of low cloud across eastern slopes potentially down to valley floors in places with the odd spot of drizzle. Any isolated fog patches elsewhere soon clearing. Low cloud gradually lifting and breaking by mid-morning with increasing amounts of sunshine. Feeling warm in sunny spells, especially in sheltered valleys. Some high cloud perhaps spreading east during the evening.

Chance of cloud-free hill tops above 600m: 80% in west and 40% in east at first, soon improving to above 95% for all.

Low Cloud and visibility: Most hills cloud free at first, however routes below 400m in the east likely to see some low cloud, mist and fog patches obscuring visibility. Cloud perhaps briefly obscuring higher routes as fog banks lift and clear. Otherwise any cloud developing during the day remaining above the tops. Visibility generally very good with distant hills visible across the Dales. Some poor to very poor visibility at first in early mist or fog patches.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 08 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/7 SE	5/8 SE	7/10 S	7/11 S	7/12 SE	11/20 SE	11/20 SE
300	4/6 E	4/7 SE	6/10 S	7/11 S	4/11 SE	5/15 SE	4/12 E
Valley	5/10 E	5/9 SE	5/9 S	6/11 S	4/10 SE	7/17 E	9/20 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/2	4/3	7/5	9/7	8/6	5/2	4/1
300	2/1	7/6	11/9	12/10	10/9	7/5	6/4
Valley	4/2	9/8	12/11	14/12	11/11	8/6	8/5
Freezing Level*	900m	1000m	1200m	1200m	1300m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early fog banks soon clearing, with some excellent hill top conditions expected. Feeling rather chilly at times though, especially if stopping to take in the views at height. Sun protection is advised in afternoon spells of strong sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 08 Apr 2023	0.2mm	1.8mm	11.6mm

Forecast for Sunday 09 Apr 2023

Weather: Patches of valley mist and fog developing again in the early hours, especially across eastern hills. This will clear to leave a fine and mostly dry Easter Sunday. Thickening high cloud will limit the strength of the sunshine. Cloud lowering onto highest western slopes by midnight with the odd spot of rain. Strong winds developing.

Maximum wind: Southeasterly 20-25 mph gusting 30-35 mph.

Chance of cloud-free hill tops above 600m: 80% or more, lowering to 50% in the far west by midnight.

Low Cloud and visibility: Early mist and fog potentially shrouding some lower level routes below 500m. Higher tops likely remaining well above the mist and fog, but perhaps briefly becoming obscured as this lifts during the morning. Cloud will be above the tops throughout the day with very good views. Cloud bases lowering to around 500m by midnight. Very good visibility by day, but poor in any early mist or fog and moderate in any rain late on.

Temperature: **Valleys:** Plus 1 Celsius rising to Plus 15 Celsius
At 600m: Plus 5 Celsius rising to Plus 9 Celsius
Freezing level: Above the summits.

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